

Serial No. 09/672,181

Ullmann, Lorin Evan

Page 2 of 16

**Section I:**  
**AMENDMENT UNDER 37 CFR §1.121 to the**  
**CLAIMS**

Claim 1 (currently amended):

A1  
A method for managing sender address information in a chain forwarded electronic mail message in an electronic messaging system, said sender address information having a plurality of previous sender addresses, said electronic mail message having a header section and a body section, said header section containing fields indicating the sender address of a most recent sender of an electronic mail message, said body section containing a forwarded message and fields indicating chain sender addresses of senders prior to said most recent sender of an electronic mail message, said electronic messaging system having a user display and a user interface for receiving commands and input from a user, said method comprising the steps of:

searching said ~~body section~~ header section of said electronic mail message for said one or more chain sender addresses of senders having sent said message prior to said most recent sender, said chain sender addresses being contained in a list associated with a Sender-chain header tag; and

providing a first user control on said electronic messaging system user interface for displaying one or more of said chain sender addresses; and

displaying one or more chain sender addresses on said user display responsive to operation of said first user control by a user such that a user may view one or more chain sender addresses.

Claim 2 (currently amended):

The method as set forth in Claim 1 wherein said step of searching ~~the body section of an electronic mail message~~ further comprises searching a Simple Mail Transfer Protocol message.

Serial No. 09/672,181

Ullmann, Lorin Evan

Page 3 of 16

Claim 3 (currently amended):

The method as set forth in Claim 1 further comprising wherein said step of searching the body section of an electronic mail message further comprises searching an inline quoted forwarded message contained within said body section for additional senders of said message who have sent the message prior to the most recent sender.

Claim 4 (currently amended):

A1  
The method as set forth in Claim 1 further comprising wherein said step of searching the body section of an electronic mail message further comprises searching an attached forwarded electronic mail message for additional senders of said message who have sent the message prior to the most recent sender.

Claim 5 (canceled).

Claim 6 (previously presented):

The method as set forth in Claim 1 further comprising the step of providing a second user control for selecting one or more of said displayed chain sender addresses.

Claim 7 (previously presented):

The method as set forth in Claim 6 further comprising the steps of:  
providing a third user control for adding said selected chain sender addresses to an electronic mail address book; and  
automatically adding said selected chain sender addresses to an electronic mail address book responsive to operation of said third user control.

Serial No. 09/672,181

Ullmann, Lorin Evan

Page 4 of 16

## Claim 8 (previously presented):

The method as set forth in Claim 6 further comprising the steps of:  
providing a third user control for adding said selected chain sender addresses to an electronic mail address book as a new group of entries; and  
automatically adding said group of selected chain sender addresses to an electronic mail address book responsive to operation of said third user control.

## Claim 9 (previously presented):

The method as set forth in Claim 6 further comprising the steps of:  
providing a third user control for automatically addressing a new electronic mail message to said selected chain sender addresses; and  
automatically addressing a new electronic mail message to said selected chain sender addresses responsive to operation of said third user control.

## Claim 10 (currently amended):

A method for managing sender address information in a chain forwarded electronic mail message in an electronic messaging system, said sender address information having a plurality of previous sender addresses, said electronic mail message having a header section and a body section, said header section containing fields indicating the sender address of a most recent sender of an electronic mail message, said body section containing a forwarded message and fields indicating chain sender addresses of senders prior to said most recent sender of an electronic mail message, said electronic messaging system having a user display and a user interface for receiving commands and input from a user, said method comprising the steps of:  
searching said body section of said electronic mail message for said chain sender addresses of senders having sent said message prior to said most recent sender; and  
adding a ~~chain sender~~ Sender-chain field to an electronic mail message header section when forwarding the chain forwarded electronic mail message to another recipient, said ~~chain sender~~ Sender-chain field being associated with ~~containing any a list of~~ chain sender addresses found during the step of searching the body section and being associated with the address of the most recent ~~sender~~ sender's address.

Serial No. 09/672,181

Ullmann, Lorin Evan

Page 5 of 16

Claim 11 (previously presented):

The method as set forth in Claim 10 wherein said step of searching the body section further comprises searching a Simple Mail Transfer Protocol message.

Claim 12 (previously presented):

The method as set forth in Claim 10 wherein said step of adding a chain sender field further comprises adding a Sender-chain field to a Simple Mail Transfer Protocol message.

Claim 13 (currently amended):

1  
X  
A computer-readable media containing computer program code for managing sender address information in a chain forwarded electronic mail message in an electronic messaging system, said sender address information having a plurality of previous sender addresses, said electronic mail message having a header section and a body section, said header section containing fields indicating the sender address of a most recent sender of an electronic mail message, said body section containing a forwarded message and fields indicating chain sender addresses of senders prior to said most recent sender of an electronic mail message, said electronic messaging system having a user display and a user interface for receiving commands and input from a user, and said electronic message system having a processor for executing computer program code such that when said computer program code executed by said processor, said electronic message system performs the steps of:

searching said ~~body section~~ header section of said electronic mail message for said one or more chain sender addresses of senders having sent said message prior to said most recent sender, said chain sender addresses being contained in a list associated with a Sender-Chain header tag; and

providing a first user control on said electronic messaging system user interface for displaying one or more of said chain sender addresses; and

displaying one or more chain sender addresses on said user display responsive to operation of said first user control by a user such that a user may view one or more chain sender addresses.

Serial No. 09/672,181

Ullmann, Lorin Evan

Page 6 of 16

Claim 14 (currently amended):

The computer-readable media as set forth in Claim 13 wherein said computer program code for performing the step of searching ~~the body section of an electronic mail message~~ further comprises computer program code for searching a Simple Mail Transfer Protocol message.

Claim 15 (currently amended):

A  
The computer-readable media as set forth in Claim 13 wherein said computer program code for performing the step of searching ~~the body section of an electronic mail message~~ further comprises computer program code for searching an inline quoted forwarded message for additional senders of said message who have sent the message prior to the most recent sender contained within said body section.

Claim 16 (currently amended):

The computer-readable media as set forth in Claim 13 wherein said computer program code for performing the step of searching ~~the body section of an electronic mail message~~ further comprises computer program code for searching an attached forwarded electronic mail message for additional senders of said message who have sent the message prior to the most recent sender.

Claim 17 (canceled).

Claim 18 (previously presented):

The computer-readable media as set forth in Claim 13 further comprising computer program code for performing a step of providing a second user control for selecting one or more of said displayed chain sender addresses.

Serial No. 09/672,181

Ullmann, Lorin Evan

Page 7 of 16

## Claim 19 (previously presented):

The computer-readable media as set forth in Claim 18 further comprising computer program code for performing a steps of:

providing a third user control for adding said selected chain sender addresses to an electronic mail address book; and

automatically adding said selected chain sender addresses to an electronic mail address book responsive to operation of said third user control.

## Claim 20 (previously presented):

The computer-readable media as set forth in Claim 18 further comprising computer program code for performing the steps of:

providing a third user control for adding said selected chain sender addresses to an electronic mail address book as a new group of entries; and

automatically adding said group of selected chain sender addresses to an electronic mail address book responsive to operation of said third user control.

## Claim 21 (previously presented):

The computer-readable media as set forth in Claim 18 further comprising computer program code for performing the steps of:

providing a third user control for automatically addressing a new electronic mail message to said selected chain sender addresses; and

automatically addressing a new electronic mail message to said selected chain sender addresses responsive to operation of said third user control.

Serial No. 09/672,181

Ullmann, Lorin Evan

Page 8 of 16

## Claim 22 (currently amended):

A computer-readable media containing computer program code for managing sender address information in a chain forwarded electronic mail message in an electronic messaging system, said sender address information having a plurality of previous sender addresses, said electronic mail message having a header section and a body section, said header section containing fields indicating the sender address of a most recent sender of an electronic mail message, said body section containing a forwarded message and fields indicating chain sender addresses of senders prior to said most recent sender of an electronic mail message, said electronic messaging system having a user display and a user interface for receiving commands and input from a user, and said electronic message system having a processor for executing computer program code such that when said computer program code executed by said processor, said electronic message system performs the steps of:

searching said body section of said electronic mail message for said one or more chain sender addresses of senders having sent said message prior to said most recent sender; and

adding a Sender-Chain ~~chain sender~~ field to an electronic mail message header section when forwarding the chain forwarded electronic mail message to another recipient, said ~~chain sender field containing~~ Sender-Chain field being associated with any a list of chain sender addresses found during the step of searching the body section and being associated with the address of the most recent sender.

## Claim 23 (previously presented):

The computer-readable media as set forth in Claim 22 wherein said computer program code for performing the step of searching the body section comprises computer program code for searching a Simple Mail Transfer Protocol message.

## Claim 24 (currently amended):

The computer-readable media as set forth in Claim 22 wherein said computer program code for performing the step of adding a ~~chain sender~~ Sender-Chain field further comprises computer program code for adding a Sender-Chain field to a Simple Mail Transfer Protocol message.

Serial No. 09/672,181

Ullmann, Lorin Evan

Page 9 of 16

## Claim 25 (currently amended):

A chain sender address managing apparatus for managing sender address information of a chain forwarded electronic mail message in an electronic mail messaging system, said sender address information having a plurality of previous sender addresses, said electronic mail message having a header section and a body section, said header section containing fields indicating the sender address of a most recent sender of an electronic mail message, said body section containing a forwarded message and fields indicating chain sender addresses of senders prior to said most recent sender of an electronic mail message, said electronic messaging system having a user display and a user interface for receiving commands and input from a user, said apparatus comprising:

a message searcher for searching said ~~body section~~ header section of a chain forwarded electronic mail message for chain sender addresses of senders having sent said message prior to said most recent sender, said chain sender addresses being contained in a list associated with a Sender-chain header tag; and

a first user control for displaying one or more chain sender addresses on said user display such that a user may view sender addresses of chain senders of a chain forwarded message.

## Claim 26 (previously presented):

The apparatus as set forth in Claim 25 further comprising a second user control for selecting one or more of said displayed chain sender addresses.

## Claim 27 (previously presented):

The apparatus as set forth in Claim 26 further comprising a third user control for adding said selected chain sender addresses to a electronic mail address book.

## Claim 28 (previously presented):

The apparatus as set forth in Claim 26 further comprising a third user control for adding said selected chain sender addresses to a electronic mail address book as a group of addresses.



Serial No. 09/672,181

Ullmann, Lorin Evan

Page 10 of 16

Claim 29 (previously presented):

The apparatus as set forth in Claim 26 further comprising a third user control for automatically addressing a new electronic mail message to said selected chain sender addresses.

Claim 30 (previously presented):

The apparatus as set forth in Claim 25 further wherein said searcher comprises a Simple Mail Transfer Protocol message searcher.

Claim 31 (currently amended):

The apparatus as set forth in Claim 26 further comprising a ~~Chain-Sender~~ Sender-Chain field creator which creates a ~~Chain-Sender~~ Sender-Chain field and address list in a header section of a new message upon forwarding of a chain forwarded message to another recipient.

---